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United States Department of Agriculture

Bureau of Markets

FOOD SURVEYS

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ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.
C. W. THOMPSON, In Charge, Food Surveys Project.

COMMERCIAL STOCKS OF APPLES AND VEGETABLES.

The commercial stocks covered by the Food Survey of January 1, 1918, for which information is here presented include apples, Irish potatoes, sweet potatoes and yams, onions, cabbage, carrots, and turnips and rutabagas.

The estimated total stocks of these commodities in commercial channels, assuming that the quantities reported represent from 85 to 90 per cent of the total, were as follows: Apples, 37,000,000 bushels; Irish potatoes, 1,320,000,000 pounds; sweet potatoes and yams, 38,000,000 pounds; onions, 290,000,000 pounds; cabbage, 93,000,000 pounds; carrots, 50,000,000 pounds; turnips and rutabagas, 66,000,000 pounds.

In the case of sweet potatoes and yams the commercial holdings on the date of the Survey were considerably smaller than those of one year earlier. In the case of all the other commodities for which information is here given, the stocks on the date of the Survey were larger than those on January 1, 1917, the increase varying from 1.6 per cent for Irish potatoes to 68.9 per cent for cabbage. The stocks of these commodities on the date of the Survey were equal to the following percentages of those on January 1, 1917: Apples, 113.0 per cent; Irish potatoes, 101.6 per cent; sweet potatoes and yams, 80.2 per cent; onions, 164.8 per cent; cabbage, 168.9 per cent; carrots, 162.2 per cent; turnips and rutabagas, 145.0 per cent.

Detailed information for each of these commodities is presented in the following pages.

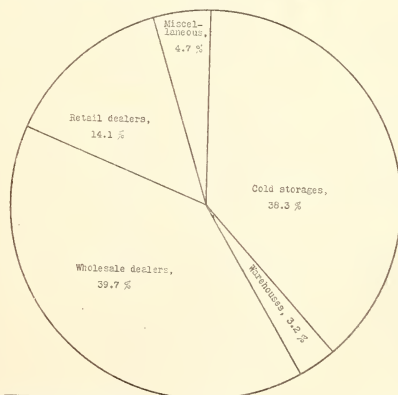
COMMERCIAL STOCKS OF APPLES.

The commercial holdings of apples reported in the War Emergency Food Survey of January 1, 1918, amounted to 31,858,982 bushels. Of this total the cold storages held 38.3 per cent; the warehouses, 3.2 per cent; the wholesale dealers, 39.7 per cent; and the retail dealers, 14.1 per cent. The remainder, amounting to 4.7 per cent, was held by a miscellaneous group of concerns. The stocks reported by each of these classes of business concerns are given in the first column of Table 1, while the relative holdings of the different classes are represented graphically in Diagram 1.

Table 1.—Stocks of apples reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	Bushels. 31,858,982	Bushels. 26,029,645	113.0	Bushels. 23,039,086	
Cold storages.....	12,204,921	10,241,537	107.4	9,533,584	
Warehouses.....	1,031,754	769,774	149.5	514,902	
Wholesale dealers.....	12,659,363	10,554,161	122.2	8,636,480	
Wholesale dealers in fruits and vegetables.....	10,484,014	8,776,419	130.1	6,755,218	
Other wholesale dealers.....	2,175,349	1,777,742	94.0	1,891,262	
Retail dealers.....	4,484,608	3,411,262	102.0	3,345,959	
Retail grocers.....	2,310,758	1,696,850	82.5	2,056,900	
General stores.....	2,037,445	1,629,952	136.2	1,197,118	
Other retail dealers.....	126,405	84,460	91.9	91,941	
Miscellaneous.....	1,478,336	1,052,911	104.4	1,008,161	

Diagram 1.—Distribution of Total Stocks of Apples Reported for January 1, 1918.



The number of firms reporting stocks of apples is shown, by classes of business, in Table 2.

Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of apples among the several geographic divisions and states on the date of the Survey is shown, by classes of business, in Table 3. The East North Central division, it may be noticed, ranked first in stocks of this commodity, the Middle Atlantic division second, the Pacific division third, and the West North Central division fourth. These four geographic divisions together reported about four-fifths of the total commercial stocks of apples in the country. Among the individual states, Illinois ranked first, New York second, Washington third, and California fourth. The stocks of apples reported are represented graphically by geographic divisions in Diagram 2, and for the eighteen most important states in Diagram 3.

Table 2.—Number of firms reporting apples, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	149,654	101,915
Cold storages.....	407	339
Warehouses.....	84	42
Wholesale dealers.....	5,998	4,415
Wholesale dealers in fruits and vegetables.....	4,191	3,064
Other wholesale dealers.....	1,807	1,351
Retail dealers.....	130,096	88,631
Retail grocers.....	85,233	58,262
General stores.....	41,522	28,678
Other retail dealers.....	3,191	1,691
Miscellaneous.....	13,069	8,488

Table 3.—Stocks of apples reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Cold storages.	Ware-houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				
				Total.	Wholesale dealers in fruits and vegetables.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	Miscellaneous.
United States.....	Bushels. 31,858,982	Bushels. 12,204,921	Bushels. 1,031,754	Bushels. 12,659,363	Bushels. 10,484,014	Bushels. 2,175,349	Bushels. 4,484,608	Bushels. 2,310,758	Bushels. 2,037,445	Bushels. 136,405	Bushels. 1,478,336
GEOGRAPHIC DIVISIONS:											
New England.....	1,190,027	485,130	5,040	423,457	380,454	43,003	131,368	106,549	15,859	8,960	145,032
Middle Atlantic.....	6,011,990	2,947,932	130,531	2,180,437	2,039,520	140,917	403,505	307,038	65,045	31,422	349,585
East North Central.....	7,451,590	2,338,507	571,485	3,055,326	2,144,531	913,795	1,143,007	890,347	232,107	21,153	339,665
West North Central.....	5,053,324	1,750,187	45,725	1,541,162	1,335,078	205,184	1,552,482	417,481	1,102,000	32,002	163,708
South Atlantic.....	2,729,886	1,780,108	27,291	606,918	361,416	245,502	234,036	87,077	137,395	9,564	81,533
East South Central.....	833,272	407,387	1,868	303,060	154,859	148,201	95,458	54,052	39,959	1,447	25,499
West South Central.....	1,359,694	606,310	300	603,733	333,414	270,319	165,469	88,069	74,818	2,582	13,882
Mountain.....	1,545,126	164,426	199,745	529,295	439,512	69,783	445,145	144,745	281,483	18,917	206,515
Pacific.....	5,654,073	1,724,934	49,769	3,412,975	3,274,330	138,645	313,538	215,400	88,770	9,368	152,887
NEW ENGLAND:											
Maine.....	142,481	45,937	2,807	22,866	21,773	1,093	21,276	15,882	5,152	292	49,595
New Hampshire.....	17,651	4,172	-----	2,130	1,274	856	11,857	7,832	3,777	248	3,664
Vermont.....	17,367	-----	-----	1,557	1,647	210	8,844	5,981	2,212	651	2,494
Massachusetts.....	736,461	327,548	2,233	282,745	246,559	36,186	56,870	50,116	3,089	3,665	67,065
Rhode Island.....	108,638	59,683	-----	37,348	37,218	130	8,401	6,375	835	871	3,526
Connecticut.....	167,429	47,790	-----	76,511	71,983	4,528	20,480	20,413	794	3,233	18,688
MIDDLE ATLANTIC:											
New York.....	4,372,459	2,189,118	130,531	1,602,373	1,523,324	77,049	170,260	129,657	25,016	15,587	280,177
New Jersey.....	453,554	344,315	-----	31,000	27,346	3,654	57,925	46,485	3,559	7,881	20,314
Pennsylvania.....	1,185,977	414,499	-----	547,064	486,830	60,214	175,320	130,896	36,470	7,954	49,094
EAST NORTH CENTRAL:											
Indiana.....	1,345,948	481,752	36,640	606,010	377,906	228,104	194,113	159,685	26,881	7,567	27,433
Illinois.....	447,202	194,451	4,095	141,960	128,752	13,208	68,242	54,752	11,989	1,501	38,454
Michigan.....	4,577,154	1,555,096	530,477	1,790,931	1,376,512	414,419	676,793	556,778	113,029	6,986	28,857
Wisconsin.....	436,667	29,900	270	274,259	176,519	97,740	89,482	57,648	29,854	1,980	42,756
Minnesota.....	644,619	77,308	3	245,166	84,842	160,324	114,977	61,484	50,374	3,119	207,165
WEST NORTH CENTRAL:											
Minnesota.....	707,923	212,473	12,172	304,322	285,263	19,059	169,663	83,663	83,395	2,605	9,293
Iowa.....	1,144,839	120,041	12,350	212,053	196,448	15,605	786,144	117,094	664,992	4,058	14,271
Missouri.....	1,815,685	1,190,655	21,086	471,515	444,836	26,679	101,335	60,965	34,710	5,034	31,094
North Dakota.....	122,290	915	-----	70,986	56,099	14,887	18,581	108,824	4,981	8,908	-----
South Dakota.....	210,705	20,477	-----	49,334	35,214	14,120	137,505	23,393	12,766	1,346	3,389
Nebraska.....	512,134	90,961	117	243,352	159,516	83,836	110,161	62,171	45,211	2,779	67,643
Kansas.....	449,728	114,765	-----	189,600	158,602	30,998	116,188	51,614	52,111	12,463	29,175
SOUTH ATLANTIC:											
Delaware.....	18,440	9,401	-----	5,820	360	5,460	2,592	2,216	361	15	627
Maryland.....	160,291	73,639	8,411	62,988	52,925	10,063	10,188	5,287	3,601	1,300	5,065
District of Columbia.....	203,668	110,292	430	61,045	55,923	5,122	8,008	7,915	40	53	23,893
Virginia.....	1,472,899	1,130,253	18,300	243,261	87,487	155,774	48,579	11,793	31,035	5,751	32,506
West Virginia.....	498,208	350,357	-----	45,813	34,557	11,256	88,179	26,438	60,133	1,608	13,859
North Carolina.....	125,876	16,828	-----	80,287	68,747	11,540	24,991	9,515	15,532	124	3,770
South Carolina.....	46,392	-----	-----	23,645	9,225	14,420	21,941	6,976	14,510	455	8,806
Georgia.....	159,053	66,300	-----	69,532	43,092	26,440	22,593	12,177	10,288	128	628
Florida.....	45,059	23,038	150	14,527	9,100	5,427	6,965	4,700	2,075	130	379
EAST SOUTH CENTRAL:											
Kentucky.....	286,584	123,548	352	118,605	101,962	16,643	34,286	20,690	12,612	984	9,793
Tennessee.....	369,640	189,665	1,516	141,582	38,001	103,581	22,537	14,436	7,897	204	14,340
Alabama.....	137,259	94,174	-----	24,768	12,954	11,814	17,788	7,151	10,448	189	529
Mississippi.....	39,789	-----	-----	18,105	1,942	16,163	20,847	11,775	9,002	70	837
WEST SOUTH CENTRAL:											
Arkansas.....	348,072	224,003	-----	100,600	21,861	78,739	20,491	9,405	10,687	399	2,978
Louisiana.....	186,726	84,142	-----	86,058	63,104	22,954	15,149	6,391	8,337	421	1,377
Oklahoma.....	263,294	88,016	-----	121,088	66,449	54,639	52,625	29,308	22,229	1,088	1,565
Texas.....	591,602	210,149	300	295,987	182,000	113,987	77,204	42,965	33,565	674	7,962
MOUNTAIN:											
Montana.....	236,619	200	3,344	87,416	70,714	16,702	134,562	32,319	99,584	2,659	11,097
Idaho.....	601,524	76,378	181,242	195,099	194,274	825	67,334	15,338	51,127	869	81,471
Wyoming.....	51,956	-----	641	11,184	7,340	3,844	38,763	12,748	21,963	1,308	3,068
Colorado.....	447,828	81,605	9,933	143,067	183,467	38,077	107,026	48,833	15,751	12,412	66,420
New Mexico.....	74,371	4,500	-----	14,086	7,299	6,787	48,607	14,923	32,226	1,458	7,178
Arizona.....	36,458	1,712	-----	12,178	10,183	1,995	17,641	5,842	11,634	165	4,927
Utah.....	78,405	31	5,005	23,830	23,437	393	16,384	6,761	9,400	223	33,155
Nevada.....	17,965	-----	180	2,058	898	1,160	14,828	7,981	6,798	49	899
PACIFIC:											
Washington.....	2,852,573	660,554	42,361	2,019,599	1,982,612	36,987	88,974	62,840	25,562	572	41,085
Oregon.....	526,291	55,042	5,135	389,345	369,482	19,863	49,027	27,732	18,879	2,416	27,742
California.....	2,275,209	1,009,338	2,273	1,004,031	922,236	81,795	175,537	124,828	44,329	6,380	84,030

DIAGRAM 2.—STOCKS OF APPLES REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

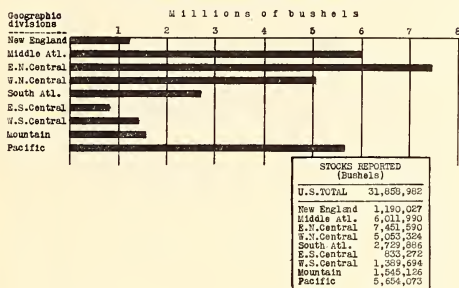


DIAGRAM 3.—STOCKS OF APPLES REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

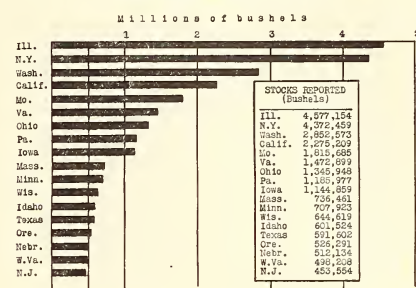


Table 4.—Comparative figures for apples, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		COLD STORAGE.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States	26,029,645	23,039,086	10,241,537	9,533,584	769,774	514,902	10,554,161	8,636,480	3,411,262	3,345,959
GEOGRAPHIC DIVISIONS:										
New England	950,803	977,432	399,863	429,210	4,057	24,461	374,474	309,219	92,467	139,388
Middle Atlantic	5,550,519	5,883,577	2,856,311	3,347,563	117,811	108,012	2,019,127	1,813,612	257,273	305,167
East North Central	5,828,223	5,779,098	1,443,017	1,408,791	563,213	345,373	2,681,897	2,728,817	939,863	1,152,910
West North Central	4,456,432	3,505,379	1,744,286	1,460,983	33,283	21,828	1,255,708	1,104,886	1,192,059	818,555
South Atlantic	1,802,926	1,474,157	1,108,218	966,770	8,411	605	491,142	392,873	121,141	129,214
East South Central	716,942	561,501	407,312	294,358	225,375	1,399	172,478	130,039	67,717	67,717
West South Central	1,147,986	844,075	499,242	333,616	538,322	397,961	937,961	98,845	104,248	104,248
Mountain	1,089,280	817,821	150,349	105,079	22,265	5,043	431,790	200,299	337,732	380,420
Pacific	4,486,444	3,195,446	1,632,939	1,247,214	20,129	7,886	2,538,126	1,515,335	212,843	248,240
NEW ENGLAND:										
Maine	87,531	139,293	45,762	71,316	2,807	19,461	15,652	22,104	18,087	24,041
New Hampshire	10,930	13,662	—	—	—	—	1,129	1,063	7,272	9,680
Vermont	13,688	15,808	4,172	4,380	—	—	1,172	861	7,020	9,124
Massachusetts	644,151	602,569	287,171	280,718	1,250	5,000	263,266	203,934	40,351	64,718
Rhode Island	103,795	114,757	59,683	71,346	—	—	35,540	28,604	5,333	10,428
Connecticut	96,798	91,343	3,075	1,450	—	—	57,715	52,653	14,404	21,397
MIDDLE ATLANTIC:										
New York	4,125,276	4,515,559	2,129,964	2,594,650	117,811	108,912	1,515,138	1,422,685	116,529	132,101
New Jersey	411,242	410,962	343,591	339,873	—	—	26,207	21,696	22,528	33,499
Pennsylvania	1,014,001	957,056	382,756	413,040	—	—	477,782	369,241	118,216	139,567
EAST NORTH CENTRAL:										
Ohio	1,056,041	1,112,169	437,302	489,441	32,777	19,180	441,022	428,769	129,068	161,814
Indiana	340,623	324,806	160,737	140,401	2,689	2,256	120,064	112,687	47,393	57,866
Illinois	3,370,301	3,503,458	797,770	587,977	527,744	323,934	1,668,828	1,831,097	623,533	743,722
Michigan	339,537	329,649	29,900	62,007	—	—	225,694	188,327	55,219	64,483
Wisconsin	521,521	509,016	77,308	128,965	3	3	226,289	167,937	84,740	125,025
WEST NORTH CENTRAL:										
Minnesota	514,360	516,228	209,105	190,883	—	—	167,745	178,484	131,165	170,138
Iowa	1,095,012	492,549	120,013	93,630	12,350	4,922	204,550	181,986	747,607	203,909
Missouri	1,695,701	1,409,691	1,190,270	965,376	20,816	16,893	406,267	336,116	51,211	70,701
North Dakota	165,671	159,953	—	—	—	—	56,688	42,874	102,747	110,690
South Dakota	164,889	127,923	20,477	5,737	—	—	46,866	33,200	95,689	87,737
Nebraska	456,459	379,267	90,861	101,032	117	13	218,977	161,186	83,343	71,513
Kansas	361,540	389,768	113,560	104,125	—	—	151,215	171,040	80,297	103,967
SOUTH ATLANTIC:										
Delaware	16,480	6,015	9,401	2,000	—	—	5,745	1,821	1,079	1,671
Maryland	140,375	181,905	73,639	99,966	8,411	—	48,222	71,000	6,618	8,058
District of Columbia	200,042	111,158	110,292	59,400	—	—	59,345	43,197	6,842	7,531
Virginia	843,365	703,858	574,685	471,401	—	—	215,830	183,448	22,938	22,182
West Virginia	336,455	286,766	244,149	212,243	—	—	44,327	28,652	35,579	36,218
North Carolina	66,595	49,562	16,828	13,600	—	—	31,444	14,305	15,244	18,639
South Carolina	31,967	23,923	—	—	—	—	16,635	8,350	14,783	14,786
Georgia	137,319	96,390	66,300	47,570	—	—	56,074	32,734	14,588	15,743
Florida	30,128	14,580	12,924	590	—	—	13,520	9,366	3,470	4,386
EAST SOUTH CENTRAL:										
Kentucky	250,375	220,673	123,473	90,756	346	369	98,102	98,283	19,864	25,223
Arkansas	210,970	220,487	189,063	141,205	259	1,030	10,688	35,222	14,734	15,906
Alabama	124,414	86,247	94,174	62,397	—	—	19,487	9,656	10,292	13,854
Mississippi	31,177	24,094	—	—	—	—	16,298	10,313	14,149	12,734
WEST SOUTH CENTRAL:										
Louisiana	288,863	201,783	179,156	122,007	—	—	94,922	57,458	12,296	20,249
Oklahoma	175,184	122,935	82,055	49,710	—	—	82,032	64,441	9,962	8,196
Oklahoma	231,110	114,012	88,016	21,755	—	—	112,218	63,823	29,515	26,753
Texas	452,829	405,945	150,015	140,144	—	—	249,150	212,239	47,072	49,050
MOUNTAIN:										
Montana	183,033	169,100	—	—	2,494	637	61,364	44,280	115,419	119,986
Idaho	368,447	242,143	76,378	70,097	7,116	—	151,709	9,631	56,508	75,538
Wyoming	32,924	35,052	—	—	—	—	5,795	7,874	26,898	26,845
Colorado	385,343	258,286	72,232	32,905	9,183	1,567	166,107	92,963	75,829	98,275
New Mexico	49,070	25,939	—	—	—	—	13,461	5,951	34,361	18,643
Arizona	24,780	24,738	1,708	—	—	—	10,807	5,522	11,706	15,310
Utah	37,488	49,608	31	2,071	3,472	2,839	22,314	30,935	9,449	13,310
Nevada	8,195	12,955	—	—	—	—	233	143	7,562	12,513
PACIFIC:										
Washington	2,296,744	1,284,264	586,325	342,531	18,950	7,773	1,604,103	841,197	60,931	75,144
Oregon	428,102	381,762	44,171	45,294	333	—	342,249	288,193	33,210	42,520
California	1,761,598	1,529,420	1,002,443	859,389	846	113	591,774	385,945	118,702	130,576

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 1,052,911 bushels; for 1917, 1,008,161 bushels.

Comparative Figures for 1918 and 1917.

More than four-fifths of the returns, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports may be found in the last three columns of Table 1. These figures indicate that the stocks of apples held by each of the main classes of business concerns on the date of the Survey were larger than those held one year earlier. While the retail dealers as a group show an increase of 2.0 per cent, the retail grocers and the class designated "other retail dealers" both show a considerable decrease, this being offset by an increase of 36.2 per cent in the stocks of the general stores. The total stocks on the date of the Survey were 13.0 per cent larger than the holdings on January 1, 1917. Comparative figures are given by geographic divisions and states, for each class of business, in Table 4, and the relative stocks on the two dates are represented in graphic form for the principal classes of business in Diagram 4.

DIAGRAM 4.—STOCKS OF APPLES REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

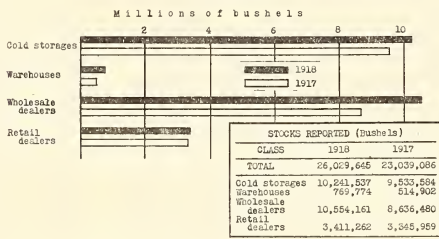


DIAGRAM 5.—DISTRIBUTION OF TOTAL STOCKS OF IRISH POTATOES REPORTED FOR JANUARY 1, 1918.

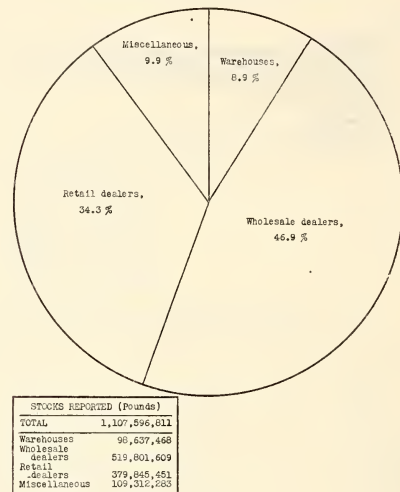


Table 6.—Number of firms reporting Irish potatoes, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	176,112	123,461
Warehouses	364	241
Wholesale dealers	6,942	5,166
Wholesale dealers in fruits and vegetables	4,210	3,061
Wholesale grocers	1,659	1,362
Other wholesale dealers	1,078	723
Retail dealers	154,625	108,931
Retail grocers	98,797	69,236
General stores	57,381	37,255
Other retail dealers	4,447	2,450
Miscellaneous	14,181	9,123

COMMERCIAL STOCKS OF IRISH POTATOES.

The commercial holdings of Irish potatoes reported in the Food Survey of January 1, 1918, amounted to 1,107,596,811 pounds. Of this total the warehouses held 8.9 per cent, while the wholesale dealers and the retail dealers held 46.9 per cent and 34.3 per cent, respectively. The remainder, amounting to 9.9 per cent, was held by a miscellaneous group of firms. The stocks reported by each of these classes of concerns are given in the first column of Table 5, while the relative quantities reported by the different classes are shown graphically in Diagram 5.

The total number of schedules received and tabulated for Irish potatoes is given in Table 6.

Table 5.—Stocks of Irish potatoes reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	Pounds. 1,107,596,811	Pounds. 867,331,811	101.6	Pounds. 853,693,032	
Warehouses	98,637,468	68,830,831	99.6	69,150,133	
Wholesale dealers	519,801,609	421,844,718	100.9	418,239,889	
Wholesale dealers in fruits and vegetables	428,108,394	344,365,248	99.1	347,381,397	
Wholesale grocers	43,292,785	37,277,009	110.2	33,826,687	
Other wholesale dealers	48,000,429	40,202,461	108.6	37,031,805	
Retail dealers	379,845,451	293,918,436	98.1	299,667,815	
Retail grocers	181,085,203	138,586,385	91.8	150,896,667	
General stores	182,043,781	144,013,510	102.9	139,915,927	
Other retail dealers	16,716,767	11,318,641	127.8	8,855,221	
Miscellaneous	109,312,283	82,728,826	124.2	66,635,195	

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial holdings of Irish potatoes on the date of the Survey is shown in detail in Table 7. These figures indicate that the East North Central division ranked first in stocks of this commodity, with the West North Central division a close second. These two divisions together reported nearly one-half of the total commercial stocks of Irish potatoes in the entire country. Among the individual states, Minnesota ranked first, Wisconsin second, California third, Michigan fourth, and New York fifth. In the two states first mentioned the wholesale dealers held considerably more than one-half of the stocks reported; in the other states enumerated the stocks were somewhat more evenly divided among the different classes of business concerns. The stocks of Irish potatoes reported are represented graphically by geographic divisions in Diagram 6, while the quantities reported for the eighteen most important states are shown in similar form in Diagram 7.

DIAGRAM 6.—STOCKS OF IRISH POTATOES REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

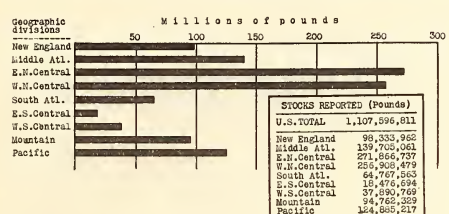


DIAGRAM 7.—STOCKS OF IRISH POTATOES REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

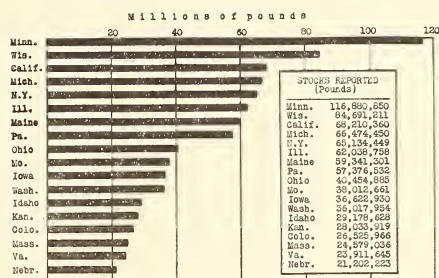


Table 7.—Stocks of Irish potatoes reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Ware- houses.	WHOLESALE DEALERS.					RETAIL DEALERS.					Miscel- laneous.
			Total.	Wholesale dealers in fruits and vegetables.	Whole- sale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.			
United States.	Pounds. 1,107,596,811	Pounds. 98,637,468	Pounds. 519,801,609	Pounds. 428,108,394	Pounds. 43,292,786	Pounds. 48,400,429	Pounds. 379,845,451	Pounds. 181,085,203	Pounds. 182,043,481	Pounds. 16,716,767	Pounds. 109,312,283		
GEOGRAPHIC DIVISIONS:													
New England	98,333,962	4,022,673	64,457,055	61,406,901	1,930,014	1,111,140	18,764,334	10,441,621	7,533,492	789,221	11,089,900		
Middle Atlantic	139,705,061	2,187,994	48,493,178	39,834,748	3,054,366	5,604,064	63,613,094	38,280,138	19,494,469	4,838,487	25,410,795		
East North Central	271,866,377	23,615,211	134,149,051	116,927,690	6,140,871	11,080,490	89,423,308	50,339,777	33,495,370	5,388,161	24,679,167		
West North Central	256,908,479	18,238,178	127,159,060	108,179,098	6,089,590	12,890,418	93,797,867	38,573,131	53,251,900	1,972,836	17,713,328		
South Atlantic	64,767,563	6,906,409	26,654,964	15,764,186	7,269,295	3,621,483	23,280,215	7,674,445	15,108,617	498,153	7,925,975		
East South Central	18,476,694	1,327,145	7,558,735	2,920,466	3,323,655	1,314,634	7,409,120	2,976,735	4,248,728	183,657	2,181,691		
West South Central	37,590,769	2,365,223	20,115,774	8,493,147	9,933,227	1,680,400	13,585,007	5,806,886	7,395,626	8,292,495	1,824,765		
Mountain	94,762,329	4,485,773	41,900,406	33,969,660	3,090,564	4,840,182	38,880,057	12,221,203	25,468,963	1,189,891	9,496,093		
Pacific	124,885,217	35,488,862	49,313,340	40,612,498	2,452,224	6,248,618	31,092,449	13,182,267	16,046,316	1,563,866	8,990,566		
NEW ENGLAND:													
Maine	59,341,301	3,181,280	45,951,937	45,608,898	175,375	167,464	7,366,208	1,695,254	5,547,848	123,106	2,841,876		
New Hampshire	2,902,077	-----	657,490	397,580	257,390	2,520	1,616,830	1,200,056	379,929	36,845	627,758		
Vermont	1,915,313	-----	137,949	42,365	94,160	1,424	1,143,904	539,077	555,955	48,872	633,460		
Massachusetts	24,579,036	496,678	14,669,718	13,153,398	1,025,375	490,945	4,264,193	3,583,553	499,166	181,474	5,148,447		
Rhode Island	2,891,503	328,515	1,200,075	1,132,895	66,070	1,100	904,215	736,132	156,563	11,520	458,698		
Connecticut	6,704,731	16,200	1,839,886	1,071,765	320,444	447,677	3,468,984	2,687,549	394,031	387,404	1,379,661		
MIDDLE ATLANTIC:													
New York	65,134,449	1,276,084	27,338,882	24,335,740	859,265	2,143,877	21,981,936	15,646,828	3,771,569	2,563,539	14,537,547		
New Jersey	17,194,080	314,840	5,873,653	4,173,930	449,723	1,250,000	7,772,116	5,666,856	1,325,452	779,808	3,233,471		
Pennsylvania	57,376,532	597,070	15,280,643	11,325,075	1,745,378	2,210,187	33,589,012	17,966,454	14,397,448	1,495,140	7,639,777		
EAST NORTH CENTRAL:													
Ohio	40,454,885	1,206,990	17,588,805	14,925,709	1,436,255	1,226,841	17,484,490	12,873,573	4,241,535	369,382	4,174,600		
Indiana	18,207,433	1,623,800	4,856,183	3,664,864	1,057,339	133,980	9,876,734	7,072,455	2,707,514	96,765	1,850,716		
Illinois	62,038,758	11,378,224	25,722,616	21,758,177	2,108,350	1,856,089	21,603,700	14,024,640	7,174,108	464,952	3,274,218		
Michigan	66,474,450	8,178,887	32,801,536	27,832,502	1,033,323	3,935,711	19,744,848	10,736,087	8,032,293	976,408	5,749,229		
Wisconsin	84,691,211	1,227,360	53,179,911	48,746,438	506,064	3,927,869	20,653,536	5,833,022	11,339,620	3,480,594	9,630,404		
WEST NORTH CENTRAL:													
Minnesota	116,880,850	13,284,797	73,339,193	69,107,988	288,810	3,942,395	25,088,358	8,157,590	16,455,903	474,865	5,168,502		
Iowa	36,622,930	558,474	7,839,307	6,010,160	1,005,468	823,379	23,297,861	13,018,245	9,869,021	410,595	4,627,288		
Missouri	38,012,661	3,286,654	22,074,199	14,317,283	1,660,186	6,096,730	11,566,357	6,096,539	5,299,737	170,081	1,085,451		
North Dakota	8,481,357	102,000	2,225,375	1,103,665	480,000	641,710	4,319,680	1,665,950	2,522,600	131,130	1,834,302		
South Dakota	7,674,539	145,235	474,392	329,372	30,000	115,020	5,246,957	1,714,581	3,383,656	148,720	1,807,955		
Nebraska	21,202,223	294,826	7,182,011	5,497,996	1,340,855	343,160	12,170,537	4,895,468	7,075,326	199,743	1,554,489		
Kansas	28,033,919	266,192	14,024,629	11,812,334	1,284,271	928,024	12,108,117	3,024,758	8,645,657	437,702	1,634,981		
SOUTH ATLANTIC:													
Delaware	1,241,733	29,850	183,771	76,980	13,300	93,491	884,961	593,677	238,419	52,865	143,151		
Maryland	7,100,222	360,180	1,563,274	1,189,241	33,452	340,581	3,168,228	1,418,319	1,650,443	99,466	2,008,540		
District of Columbia	2,788,921	720,750	1,106,072	866,966	282,276	16,830	770,646	758,805	5,475	6,396	31,453		
Virginia	23,911,645	4,505,116	12,974,815	10,066,353	536,230	2,872,232	4,396,885	2,122,574	3,189,136	85,175	2,034,786		
West Virginia	12,487,533	940,720	1,426,497	915,220	274,890	236,387	9,098,981	1,489,062	7,501,284	108,635	1,021,335		
North Carolina	7,588,083	75,000	5,146,282	403,360	4,487,022	255,900	1,915,636	474,259	1,327,442	113,935	451,165		
South Carolina	3,326,833	29,250	1,522,135	935,310	582,325	4,500	857,115	212,328	623,868	20,919	918,333		
Georgia	3,873,008	-----	1,324,956	601,697	545,994	177,265	1,619,545	1,265,699	350,207	3,639	928,507		
Florida	2,449,585	245,500	1,347,162	709,059	513,806	124,297	568,218	338,722	222,343	7,153	288,705		
EAST SOUTH CENTRAL:													
Kentucky	9,472,726	867,445	3,225,660	1,255,582	764,130	1,205,948	3,840,289	1,493,501	2,240,963	105,825	1,539,332		
Tennessee	5,341,753	458,140	2,192,480	1,193,505	982,575	14,400	2,253,683	974,982	1,223,866	54,835	437,450		
Alabama	1,823,609	1,500	971,001	462,039	414,821	94,141	779,448	237,052	535,984	6,412	71,600		
Mississippi	1,838,606	-----	1,169,594	7,340	1,162,109	145	535,700	271,200	247,915	16,585	133,512		
WEST SOUTH CENTRAL:													
Arkansas	4,445,608	186,600	2,744,669	1,718,677	1,812,863	213,120	1,219,240	533,860	660,420	24,951	295,099		
Louisiana	4,661,125	209,060	3,276,077	1,399,509	1,588,801	287,767	961,777	428,239	526,384	7,154	314,211		
Oklahoma	12,775,885	765,486	4,585,036	2,756,787	1,656,644	171,065	7,052,405	2,797,952	4,250,109	174,344	372,968		
Texas	15,908,141	1,204,077	9,509,992	3,618,174	4,374,919	1,016,899	4,351,385	2,136,835	2,128,704	86,046	842,487		
MOUNTAIN:													
Montana	13,975,245	482,833	2,945,818	1,939,552	779,956	226,310	8,661,874	3,681,270	4,893,269	87,335	1,884,720		
Idaho	29,178,628	1,369,097	18,823,672	16,769,187	98,800	1,955,685	4,802,281	1,435,173	3,328,027	85,081	4,182,708		
Wyoming	4,839,533	39,750	284,821	111,431	173,390	-----	2,253,771	849,452	3,385,720	18,599	261,211		
Colorado	26,525,966	1,480,929	13,230,452	10,642,049	306,291	2,282,112	10,634,625	3,359,590	6,557,173	717,503	1,179,960		
New Mexico	5,503,339	-----	1,178,955	186,765	492,188	50,000	3,677,268	613,163	3,016,867	47,238	647,118		
Arizona	2,977,541	205,000	832,184	301,560	530,624	-----	1,681,649	432,819	1,244,319	4,511	258,708		
Utah	8,015,679	307,294	4,390,391	3,994,941	115,015	280,885	2,834,455	1,189,095	1,448,709	196,654	483,536		
Nevada	3,746,378	600,000	214,115	24,625	144,300	45,190	2,334,131	660,372	1,640,879	32,880	598,132		
PACIFIC:													
Washington	36,017,954	11,635,865	12,182,199	11,219,805	204,418	757,976	9,142,752	4,088,672	4,786,837	267,243	3,057,138		
Oregon	20,656,903	5,275,826	6,143,204	5,079,022	329,256	734,926	6,372,916	2,171,580	3,735,986	465,350	2,864,957		
California	68,210,360	18,577,171	30,987,937	24,313,671	1,915,550	4,753,716	15,576,781	7,222,015	7,523,493	831,273	3,068,471		

Comparative Figures for 1918 and 1917.

Nearly four-fifths of the returns for Irish potatoes, based on the quantity reported, gave information for January 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports may be found in the last three columns of Table 5. These figures indicate that the stocks on hand January 1, 1918, varied but little from the stocks held one year earlier. The warehouses, and the retail dealers as a group, showed slight decreases in stocks, while the wholesale dealers as a group and the miscellaneous class reported increases of nine-tenths of 1 per cent and 24.2 per cent, respectively. As in the case of apples, some of the subdivisions of the wholesale and retail classes show changes considerably at variance with those shown by the main classes. The total commercial holdings on the date of the Survey were 1.6 per cent larger than those on January 1, 1917. Comparative figures are given by geographic divisions and states, for each class of business concerns, in Table 8, while the stocks on the two dates are represented graphically for each of the more important classes of business in Diagram 8.

DIAGRAM 8.—STOCKS OF IRISH POTATOES REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

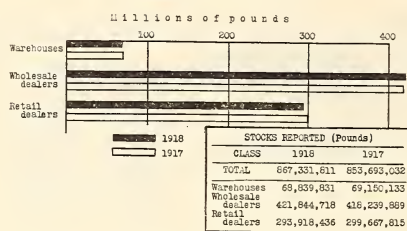


Table 8.—Comparative figures for Irish potatoes, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	867,331,811	853,693,032	68,839,831	69,150,133	421,844,718	418,239,989	293,918,436	299,667,815
GEOGRAPHIC DIVISIONS:								
New England.....	86,937,082	129,854,563	2,174,707	3,450,080	62,165,561	92,669,540	14,430,813	23,484,899
Middle Atlantic.....	109,507,958	128,184,680	1,420,206	2,719,682	39,886,274	58,920,623	47,350,735	50,633,924
East North Central.....	201,296,698	177,934,177	20,270,408	12,839,675	89,828,080	76,629,419	71,792,789	72,394,070
West North Central.....	207,762,391	164,916,576	8,606,326	5,074,401	11,360,298	76,853,498	74,839,070	70,626,156
South Atlantic.....	50,686,191	48,239,718	6,504,700	6,920,482	23,375,456	24,625,372	16,306,558	13,834,081
East South Central.....	13,420,774	11,345,123	924,045	418,094	6,448,404	4,900,926	4,962,625	4,973,823
West South Central.....	27,975,876	23,067,339	1,976,004	191,683	15,941,242	15,968,802	9,442,709	6,636,584
Mountain.....	70,310,155	55,722,976	1,956,528	1,233,864	29,602,174	22,165,706	30,766,796	29,061,605
Pacific.....	99,431,686	114,427,880	25,006,907	36,302,172	43,137,229	45,406,003	24,052,741	28,022,073
NEW ENGLAND:								
Maine.....	55,511,467	99,485,005	1,933,550	2,596,790	45,342,782	79,731,040	6,028,265	11,793,739
New Hampshire.....	2,180,985	2,770,431			556,900	936,180	1,200,460	1,465,413
Vermont.....	1,397,414	1,750,714			71,569	73,760	809,720	1,216,066
Massachusetts.....	20,466,928	17,176,515	241,157	853,290	13,481,158	8,742,242	3,073,210	4,687,118
Rhode Island.....	2,210,972	2,729,866			1,168,335	1,609,643	666,466	862,182
Connecticut.....	5,169,316	5,942,032			1,544,817	1,576,675	2,562,692	3,460,381
MIDDLE ATLANTIC:								
Ohio.....	52,722,162	63,452,211	637,301	1,843,037	23,419,280	32,324,194	16,458,281	18,678,535
New Jersey.....	12,484,749	13,278,920	202,855	129,645	4,603,158	6,299,900	5,263,193	5,776,845
Pennsylvania.....	44,301,047	51,453,549	580,050	747,000	11,863,836	20,296,439	25,638,261	26,178,724
EAST NORTH CENTRAL:								
Illinois.....	32,898,984	31,821,727	962,990	258,690	15,224,553	13,095,620	13,197,852	16,054,215
Indiana.....	13,654,173	12,807,180	905,550	520,110	3,570,579	3,193,780	7,596,352	7,940,894
Michigan.....	48,134,530	43,081,099	9,055,011	5,215,600	19,723,341	16,466,181	17,343,112	19,596,884
Wisconsin.....	54,993,947	51,671,411	8,119,497	6,297,535	27,090,443	26,596,036	15,949,280	15,377,268
	51,615,064	38,552,760	1,227,360	547,740	24,319,164	17,277,802	17,706,193	13,424,809
WEST NORTH CENTRAL:								
Minnesota.....	94,101,295	69,858,963	4,379,015	2,254,730	65,601,244	46,542,711	20,000,435	17,907,973
Iowa.....	30,583,388	31,228,777	850,474	1,062,200	7,430,616	7,817,461	18,714,964	19,253,048
Missouri.....	33,262,175	20,203,170	2,712,664	1,204,140	20,270,439	10,092,529	9,372,941	8,176,659
North Dakota.....	6,300,742	6,768,557		30,000	1,696,235	1,260,624	3,274,352	3,094,677
South Dakota.....	6,448,955	145,235		33,321	457,412	418,346	4,336,916	4,633,930
Nebraska.....	16,905,073	15,922,515		520,000	5,803,768	3,422,548	10,010,742	10,840,860
Kansas.....	20,284,542	14,490,639	252,192		10,100,584	7,399,279	9,129,320	9,179,009
SOUTH ATLANTIC:								
Delaware.....	787,540	1,378,362	29,850		84,180	737,050	546,580	575,653
Maryland.....	4,277,783	6,901,517	126,330		1,078,617	2,870,634	2,084,164	2,243,277
District of Columbia.....	2,390,931	1,022,964	720,750		870,117	483,554	605,343	424,828
Virginia.....	21,245,550	22,841,955	4,451,300	5,003,320	12,359,676	14,267,818	2,738,296	2,496,965
West Virginia.....	9,985,405	8,442,415	940,720		1,157,225	1,229,833	7,083,301	5,981,897
North Carolina.....	5,937,202	4,142,399	75,000		4,414,502	3,064,125	1,104,205	888,757
South Carolina.....	1,751,989	535,940			1,390,328	257,530	335,461	286,533
Georgia.....	2,493,123	1,251,880		360	995,996	720,118	1,339,996	484,853
Florida.....	1,816,668	1,702,286	160,750	110,685	1,129,928	985,099	379,212	451,918
EAST SOUTH CENTRAL:								
Kentucky.....	7,105,934	6,103,989	837,315	207,000	3,029,470	2,636,161	2,677,069	2,724,565
Tennessee.....	3,547,333	2,982,612	85,170	200,594	1,558,194	824,551	1,628,199	1,562,336
Alabama.....	1,176,543	1,035,143	1,560	10,500	771,057	638,539	341,286	369,790
Mississippi.....	1,590,944	1,223,379			1,089,683	801,675	380,071	317,132
WEST SOUTH CENTRAL:								
Arkansas.....	3,519,954	2,473,399	186,600	600	2,312,185	1,681,719	842,967	744,850
Louisiana.....	3,913,562	2,791,693	209,060	10,500	2,987,768	2,154,483	689,297	605,581
Oklahoma.....	9,161,652	4,971,377	676,004	59,678	3,853,275	2,118,010	4,822,473	2,685,056
Texas.....	10,930,708	12,830,870	904,340	120,905	6,788,014	10,014,590	3,087,972	2,601,097
MOUNTAIN:								
Montana.....	11,143,069	11,758,556	292,833	491,864	1,984,597	2,574,659	7,253,259	7,454,231
Idaho.....	19,560,894	14,534,482	752,867	269,270	11,092,085	8,775,603	3,707,729	4,775,279
Wyoming.....	3,816,471	3,226,864			178,451	165,416	3,424,177	2,929,678
Colorado.....	21,310,097	16,255,686	604,813	458,530	11,487,167	8,144,001	8,185,813	6,823,081
New Mexico.....	4,531,718	3,063,738			1,167,809	1,003,399	2,947,355	2,515,485
Arizona.....	2,247,118	1,876,351			760,828	508,138	1,388,867	1,322,473
Utah.....	5,541,819	2,324,864	306,015	14,200	2,847,633	616,453	2,115,524	1,542,712
Nevada.....	2,158,969	2,082,435			84,110	113,007	1,744,072	1,698,066
PACIFIC:								
Washington.....	26,949,701	32,669,249	7,779,953	11,635,642	9,533,735	9,303,522	7,195,387	9,783,299
Oregon.....	17,280,542	24,995,463	7,768,886	9,925,434	5,190,729	8,532,362	4,820,354	5,935,299
California.....	55,201,443	56,763,168	12,470,068	14,741,096	28,412,765	27,570,119	12,037,000	12,843,475

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 82,728,826 pounds; for 1917, 66,635,195 pounds.

COMMERCIAL STOCKS OF SWEET POTATOES AND YAMS.

The commercial holdings of sweet potatoes and yams, as reported in the Food Survey of January 1, 1918, amounted to 32,360,201 pounds. Of this total the warehouses held 12.4 per cent; the wholesale dealers, 47.5 per cent; and the retail dealers, 27.8 per cent. The remainder, amounting to 12.3 per cent of the total, was held by a miscellaneous group of firms. The stocks reported by the different classes of business concerns are shown in the first column of Table 9, and the relative quantities reported by the different classes are shown graphically in Diagram 9.

The number of schedules received and tabulated for sweet potatoes and yams is given, by classes of business, in Table 10.

Table 9.—Stocks of sweet potatoes and yams reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 32,360,201	Pounds. 21,642,667	80.2	Pounds. 26,970,604
Warehouses	4,018,627	3,694,022	108.9	3,392,868
Wholesale dealers	15,356,962	10,036,097	76.3	13,157,237
Wholesale dealers in fruits and vegetables	11,595,684	8,408,432	89.9	9,352,525
Other wholesale dealers	3,761,278	1,627,665	42.8	3,804,712
Retail dealers	9,002,837	6,118,834	71.7	8,534,440
Retail grocers	3,589,774	2,227,712	50.2	4,436,301
General stores	5,248,982	3,800,450	95.3	3,988,597
Other retail dealers	164,084	90,672	82.8	109,542
Miscellaneous	3,981,775	1,793,714	95.1	1,886,059

Diagram 9.—Distribution of Total Stocks of Sweet Potatoes and Yams Reported for January 1, 1918.

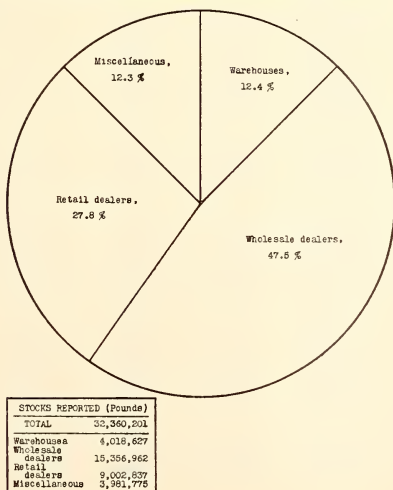


Table 10.—Number of firms reporting sweet potatoes and yams, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	57,816	40,297
Warehouses	36	29
Wholesale dealers	2,578	1,961
Wholesale dealers in fruits and vegetables	1,975	1,497
Other wholesale dealers	603	464
Retail dealers	51,659	35,987
Retail grocers	35,231	24,717
General stores	15,334	10,598
Other retail dealers	1,194	672
Miscellaneous	3,543	2,320

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial holdings of sweet potatoes and yams on the date of the survey is given in Table 11. The South Atlantic division, it may be noticed, far outranked any other division in the quantity of this commodity reported. Among the individual states, New Jersey ranked first and Delaware second. Five other states, namely, Texas, Idaho, Maryland, Georgia and Illinois, reported considerable stocks of sweet potatoes and yams. The stocks reported for the different geographic divisions are represented in graphic form in Diagram 10, and those reported for the eighteen most important states are shown in similar form in Diagram 11.

Diagram 10.—Stocks of Sweet Potatoes and Yams Reported for January 1, 1918, by Geographic Divisions.

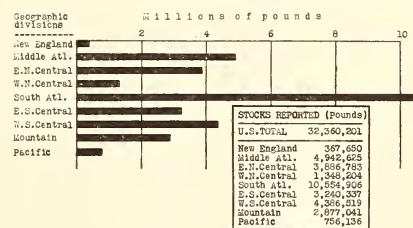
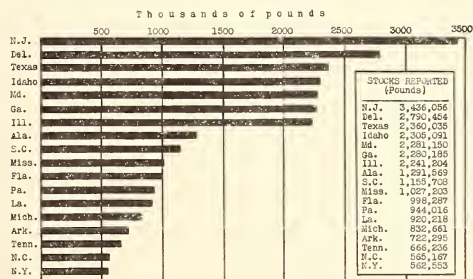


Diagram 11.—Stocks of Sweet Potatoes and Yams Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About seven-tenths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports may be found for each class of business, in the last three columns of Table 9, and also, by geographic divisions and states, in Table 12. The figures indicate that the stocks of this commodity were considerably smaller on the date of the Survey than on January 1, 1917. Only the warehouses showed an increase in holdings. The total commercial stocks on January 1, 1918, were equal to 80.2 per cent of those on January 1, 1917. The relative holdings of sweet potatoes and yams on the two dates referred to are represented graphically for the three principal classes of firms in Diagram 12.

DIAGRAM 12.—STOCKS OF SWEET POTATOES AND YAMS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

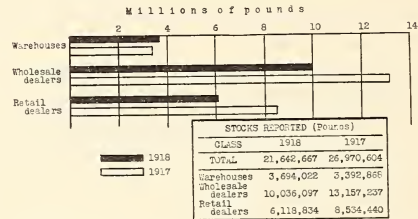


Table 11.—Stocks of sweet potatoes and yams reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Warehouses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellane- ous.
			Total.	Wholesale dealers in fruits and vegetables.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States.....	Pounds. 32,260,201	Pounds. 4,018,627	Pounds. 15,356,962	Pounds. 11,595,684	Pounds. 3,761,278	Pounds. 9,002,837	Pounds. 3,589,771	Pounds. 5,248,982	Pounds. 164,084	Pounds. 3,981,775
GEOGRAPHIC DIVISIONS:										
New England.....	367,650	92,565	100,339	84,348	15,991	156,805	144,314	5,025	7,466	17,941
Middle Atlantic.....	4,942,625	326,700	3,815,677	3,288,524	527,153	609,030	450,073	120,814	38,143	191,218
East North Central.....	3,886,783	40	3,153,395	1,940,193	1,213,202	683,949	529,805	137,370	16,774	49,399
West North Central.....	1,348,204		621,814	502,257	119,557	671,559	343,007	310,344	18,208	54,831
South Atlantic.....	10,554,606	2,844,756	2,687,559	1,258,655	1,428,924	2,840,393	703,693	2,088,473	48,227	2,182,198
East South Central.....	3,240,337		277,941	198,675	79,266	2,082,780	499,164	1,572,881	10,735	879,619
West South Central.....	4,386,519	753,675	1,737,720	1,523,858	213,862	1,331,797	529,114	786,593	16,090	563,327
Mountain.....	2,877,041	300	2,608,618	2,500,589	108,029	247,962	85,444	158,356	4,162	20,161
Pacific.....	756,136	591	353,899	298,605	55,294	378,562	305,157	69,126	4,279	23,084
NEW ENGLAND:										
Maine.....	10,518		1,080	1,065	15	6,424	5,244	1,005	175	3,014
New Hampshire.....	4,121		695	695		3,399	2,984	315	100	27
Vermont.....	5,393					2,281	599	1,672	10	3,112
Massachusetts.....	218,763	73,095	45,672	37,101	8,571	93,800	89,585	1,349	2,866	6,196
Rhode Island.....	55,179	19,470	25,990	19,420	6,570	9,034	8,503	124	407	685
Connecticut.....	73,676		26,902	26,067	835	41,867	37,399	560	3,908	4,907
MIDDLE ATLANTIC:										
New York.....	562,553	1,700	264,080	250,022	14,058	218,293	194,657	15,054	8,582	78,480
New Jersey.....	3,436,056	325,000	2,861,426	2,404,356	457,070	164,038	90,475	57,726	18,857	85,572
Pennsylvania.....	944,016		690,171	634,146	56,025	226,679	164,941	48,034	13,704	27,166
EAST NORTH CENTRAL:										
Ohio.....	334,579		177,874	166,282	11,592	137,984	102,750	33,470	1,764	18,721
Indiana.....	393,896		185,081	181,064	4,017	201,429	173,534	27,692	1,203	7,386
Illinois.....	2,241,204	40	1,951,137	810,429	1,140,708	273,425	200,498	67,546	5,381	16,602
Michigan.....	832,661		780,133	775,833	4,300	47,359	34,992	4,610	7,737	5,169
Wisconsin.....	84,443		59,170	6,585	52,585	23,752	19,031	4,052	669	1,521
WEST NORTH CENTRAL:										
Minnesota.....	83,814		14,056	12,540	1,516	66,565	16,791	47,331	2,243	3,193
Iowa.....	173,408		64,829	61,345	3,484	102,082	54,673	45,960	1,449	6,497
Missouri.....	539,089		310,361	248,530	61,831	213,211	146,558	54,037	12,616	15,517
North Dakota.....	23,692		3,888		3,888	16,907	3,499	13,263	145	2,897
South Dakota.....	26,090		525			24,438	6,464	17,720	254	1,127
Nebraska.....	155,890		48,586	32,229	16,357	105,089	32,747	71,602	740	2,215
Kansas.....	346,221		179,569	147,088	32,481	143,267	82,275	60,231	761	23,385
SOUTH ATLANTIC:										
Delaware.....	2,790,454		1,908,560	936,890	971,670	292,990	86,025	191,845	15,120	588,904
Maryland.....	2,281,150	1,668,756	205,105	69,505	135,600	57,378	32,895	23,089	1,394	349,911
District of Columbia.....	65,177		37,000	35,800	2,070	22,155	21,084	193	878	5,122
Virginia.....	275,899		88,355	38,960	49,395	163,535	73,179	88,830	1,526	24,009
West Virginia.....	142,879		70,641	41,999	28,642	70,694	18,299	52,169	226	1,544
North Carolina.....	565,167		33,567	1,825	31,742	330,742	88,682	241,475	585	200,858
South Carolina.....	1,155,708		23,875	646	23,229	678,732	59,803	615,643	3,286	453,101
Georgia.....	2,280,185	1,176,000	135,714	99,437	36,277	728,365	182,245	526,137	19,983	240,106
Florida.....	998,287		183,842	33,543	150,299	495,802	141,481	349,092	5,229	318,643
EAST SOUTH CENTRAL:										
Kentucky.....	255,329		48,813	46,413	2,400	194,737	72,375	121,461	901	11,779
Tennessee.....	666,236		89,901	76,077	13,824	427,376	206,068	216,752	3,956	148,959
Alabama.....	1,291,560		98,739	73,599	25,149	841,332	140,722	696,032	4,578	351,498
Mississippi.....	1,027,203		40,488	2,595	37,893	619,335	79,399	538,636	1,300	307,380
WEST SOUTH CENTRAL:										
Arkansas.....	722,295	40,000	281,460	272,124	9,345	315,176	107,190	206,583	1,403	85,650
Louisiana.....	920,218	490	265,172	252,010	12,262	336,040	74,578	258,643	2,819	318,606
Oklahoma.....	383,971	7,725	139,999	136,919	3,080	221,736	140,626	74,129	6,981	14,511
Texas.....	2,360,035	705,550	1,051,080	861,905	189,175	458,845	206,720	247,238	4,887	144,560
MOUNTAIN:										
Montana.....	130,322		76,843	68,953	7,890	49,104	10,617	37,882	605	4,375
Idaho.....	2,305,091		2,281,911	2,271,106	10,805	22,963	11,559	10,501	903	217
Wyoming.....	35,528		11,200	10,300	900	23,716	4,521	18,625	570	612
Colorado.....	186,356	300	84,093	78,896	5,197	98,431	31,713	65,248	1,470	3,532
New Mexico.....	17,800		1,326	776	550	13,545	4,771	8,654	120	2,929
Arizona.....	117,982		94,793	12,948	81,845	16,811	7,687	9,595	189	6,378
Utah.....	75,527		55,710	55,710		18,071	11,904	5,872	295	1,746
Nevada.....	8,435		2,742	1,900	842	5,321	2,672	2,639	10	372
PACIFIC:										
Washington.....	121,647		55,219	26,709	28,510	61,231	41,873	18,933	425	5,197
Oregon.....	111,900		59,117	51,657	7,460	46,934	32,242	13,969	723	5,849
California.....	522,589	591	239,563	220,239	19,324	270,397	231,042	36,224	3,131	12,038

Table 12.—Comparative figures for sweet potatoes and yams, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL*		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	21,642,667	26,970,604	3,694,022	3,392,868	10,036,097	13,157,237	6,118,834	8,534,440
GEOGRAPHIC DIVISIONS:								
New England.....	173,890	209,240			72,958	85,233	90,085	110,033
Middle Atlantic.....	4,430,239	4,331,623	325,000	570,000	3,550,028	3,016,278	427,928	574,651
East North Central.....	2,402,887	4,300,858		72,500	1,937,818	2,726,312	406,165	1,480,391
West North Central.....	1,032,449	1,244,913		10,350	560,130	655,482	430,565	551,494
South Atlantic.....	7,456,780	10,185,158	2,844,756	2,416,000	1,750,110	4,782,225	2,064,474	2,333,833
East South Central.....	2,137,870	2,096,716			215,933	269,620	1,428,389	1,284,187
West South Central.....	3,132,280	3,856,161	523,675	321,668	1,428,986	1,334,085	926,410	1,836,543
Mountain.....	302,299	309,133			199,921	143,567	149,883	153,724
Pacific.....	513,973	376,782	591	2,350	300,213	144,435	194,935	206,584
NEW ENGLAND:								
Maine.....	7,420	15,053			840	5,160	3,660	7,367
New Hampshire.....	3,072	21,891			695	17,290	2,352	4,636
Vermont.....	2,081	2,906				108	2,081	2,798
Massachusetts.....	91,487	87,739			44,021	29,665	42,587	50,561
Rhode Island.....	13,581	26,861			7,755	20,090	5,521	6,276
Connecticut.....	56,249	54,790			19,647	12,980	33,884	38,095
MIDDLE ATLANTIC:								
New York.....	420,686	639,988			228,502	365,020	148,914	188,322
New Jersey.....	3,300,865	2,736,468	325,000	570,000	2,785,413	1,928,525	126,409	167,002
Pennsylvania.....	708,688	965,167			536,113	722,733	152,605	219,327
EAST NORTH CENTRAL:								
Ohio.....	209,729	636,576		5,000	109,463	185,123	85,204	432,614
Indiana.....	255,788	394,029			169,540	276,384	79,809	110,653
Illinois.....	1,113,919	2,308,288		67,500	903,926	1,342,601	197,455	884,248
Michigan.....	797,669	978,852			765,384	902,545	28,371	30,746
Wisconsin.....	25,782	43,113			9,505	19,659	15,326	22,130
WEST NORTH CENTRAL:								
Minnesota.....	45,957	128,803		10,350	13,069	70,052	30,361	46,235
Iowa.....	129,876	184,802			63,545	81,637	61,454	97,712
Missouri.....	420,952	512,151			272,497	325,092	137,515	174,705
North Dakota.....	13,577	29,879			3,898	15,405	9,422	13,780
South Dakota.....	20,471	24,496			5,245	5,240	19,486	18,741
Nebraska.....	118,835	97,575			41,187	24,693	76,160	71,287
Kansas.....	282,781	267,207			165,419	133,363	96,067	129,034
SOUTH ATLANTIC:								
Delaware.....	1,429,316	4,628,111			1,120,440	4,243,749	208,262	329,662
Maryland.....	2,111,992	2,503,822	1,668,756	2,416,000	178,885	24,171	37,220	51,913
District of Columbia.....	54,756	83,886			33,930	49,390	16,925	28,190
Virginia.....	215,014	277,711			87,105	66,746	107,301	167,450
West Virginia.....	87,157	240,429			41,153	155,948	45,066	82,104
North Carolina.....	410,407	553,009			23,142	66,980	254,372	330,593
South Carolina.....	572,109	487,796			8,229	31,641	515,135	373,023
Georgia.....	2,001,322	916,138	1,176,000		104,567	106,357	549,516	585,439
Florida.....	574,707	494,256			152,659	37,243	330,677	385,459
EAST SOUTH CENTRAL:								
Kentucky.....	132,844	179,230			32,168	51,230	90,994	116,952
Tennessee.....	488,207	360,588			74,233	15,824	317,367	303,851
Alabama.....	689,064	576,407			83,092	183,617	568,159	356,656
Mississippi.....	982,755	980,491			26,440	18,949	451,869	506,728
WEST SOUTH CENTRAL:								
Arkansas.....	598,897	1,025,496	40,000	45,000	278,175	165,745	250,475	771,960
Louisiana.....	320,123	339,853	400	400	47,718	22,066	202,601	301,272
Oklahoma.....	285,249	334,361	7,725		184,324	138,467	130,741	189,935
Texas.....	1,928,011	2,156,451	475,550	276,268	968,769	1,007,807	342,593	573,376
MOUNTAIN:								
Montana.....	102,582	32,926			58,648	7,956	40,941	21,601
Idaho.....	28,278	22,618			16,361	10,400	11,797	11,868
Wyoming.....	30,550	18,949			1,000	1,250	19,221	17,593
Colorado.....	127,576	174,532			80,568	111,419	44,396	60,080
New Mexico.....	7,852	11,185					7,512	10,761
Arizona.....	21,064	25,230			5,552	7,742	10,987	14,680
Utah.....	50,041	16,917			37,580	4,400	11,200	11,085
Nevada.....	4,356	6,776			212	400	3,829	6,056
PACIFIC:								
Washington.....	93,943	69,295			51,719	19,109	38,885	45,332
Oregon.....	54,329	45,226			19,833	8,044	29,724	31,219
California.....	365,701	262,261	591	2,350	228,661	117,282	126,326	133,033

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 1,793,714 pounds; for 1917, 1,886,059 pounds.

COMMERCIAL STOCKS OF ONIONS.

The stocks of onions in commercial channels, as reported in the War Emergency Food Survey of January 1, 1918, amounted to 252,304,117 pounds. Of these stocks the wholesale dealers held 155,914,671 pounds, or 61.8 per cent of the total. The warehouses held 18.3 per cent of the total, and the retail dealers 16.4 per cent. The remainder, amounting to 3.5 per cent, was held by a miscellaneous group of firms. The stocks reported by each of these classes of business concerns, as well as by several subdivisions of the main classes, are given in the first column of Table 13. The relative quantities reported by the different classes are represented graphically in Diagram 13.

The number of firms reporting onions is given, by classes of business, in Table 14.

Table 13.—Stocks of onions reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total.....	Pounds. 252,304,117	Pounds. 191,487,872	164.8	Pounds. 116,168,185	
Warehouses.....	46,282,923	34,230,286	203.2	16,842,562	
Wholesale dealers.....	155,914,671	122,839,659	169.7	72,391,910	
Wholesale dealers in fruits and vegetables.....	129,248,682	102,177,369	162.3	62,944,778	
Other wholesale dealers.....	26,665,989	20,662,290	218.7	9,447,132	
Retail dealers.....	41,354,220	28,404,294	121.0	23,480,578	
Retail grocers.....	25,457,925	17,343,058	118.1	14,685,475	
General stores.....	14,373,619	10,363,795	126.1	8,190,298	
Other retail dealers.....	1,522,676	797,441	121.8	654,805	
Miscellaneous.....	8,752,303	6,013,633	174.1	3,453,135	

Diagram 13.—DISTRIBUTION OF TOTAL STOCKS OF ONIONS REPORTED FOR JANUARY 1, 1918.

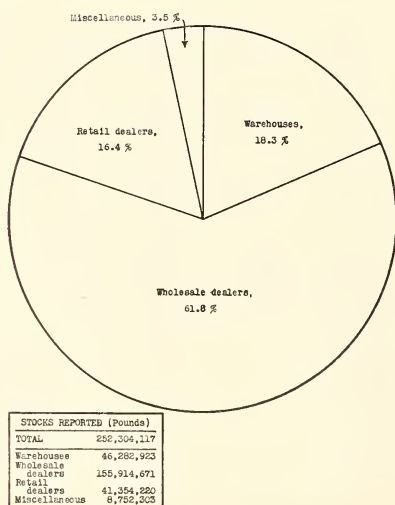


Table 14.—Number of firms reporting onions, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	174,847	85,051
Warehouses.....	224	138
Wholesale dealers.....	6,143	4,467
Wholesale dealers in fruits and vegetables.....	3,979	2,796
Other wholesale dealers.....	2,164	1,671
Retail dealers.....	157,478	73,658
Retail grocers.....	101,561	69,720
General stores.....	51,309	1,540
Other retail dealers.....	4,608	2,398
Miscellaneous.....	11,002	6,788

Geographic Distribution of Stocks Reported.

The distribution of the commercial holdings of onions among the several geographic divisions and states on the date of the Survey is shown in Table 15. The Middle Atlantic division ranked first in stocks reported, with the East North Central division a close second, the New England division third, the Pacific division fourth, and the West North Central division fifth. Among the individual states, New York ranked first by a considerable margin, California ranked second, Massachusetts third, and Ohio fourth. More than four-fifths of the stocks reported for New York were held by the wholesale dealers, while in the case of California nearly two-thirds were held by the warehouses. The stocks reported for the different geographic divisions are shown in graphic form in Diagram 14, and those reported for the eighteen most important states are shown in similar form in Diagram 15.

Diagram 14.—STOCKS OF ONIONS REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

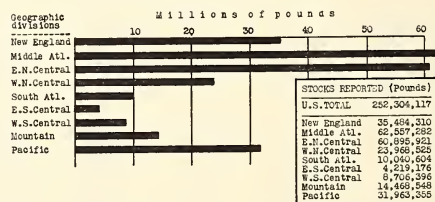
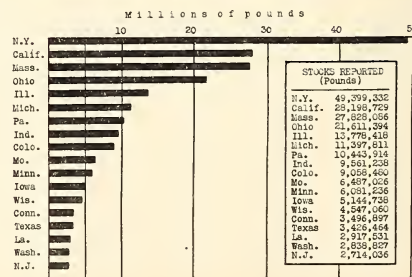


Diagram 15.—STOCKS OF ONIONS REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

Nearly four-fifths of the returns, on the basis of quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports may be found in the last three columns of Table 13. The figures indicate a very material increase in the stocks of onions reported by each class and subclass of business concerns. In the case of the warehouses, the stocks on the date of the Survey were more than twice as large as the stocks of one year earlier. The total holdings on January 1, 1918, were 64.8 per cent larger than those on January 1, 1917. Comparative figures are given by geographic divisions and states in Table 16, and the relative holdings on the two dates referred to are shown graphically for the three more important classes of business concerns in Diagram 16.

DIAGRAM 16.—STOCKS OF ONIONS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

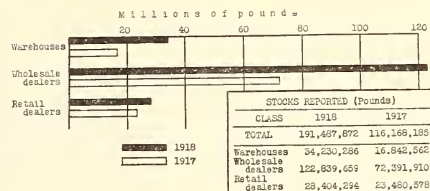


Table 15.—Stocks of onions reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	WHOLESALE DEALERS.				RETAIL DEALERS.				Miscellaneous.
		Warehouses.	Total.	Wholesale dealers in fruits and vegetables.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.	252,304,117	46,282,923	155,914,671	129,248,682	26,665,989	41,354,220	25,457,925	14,373,619	1,522,676	8,752,303
GEOGRAPHIC DIVISIONS:										
New England	35,484,310	13,036,240	17,410,550	15,743,833	1,666,717	3,777,424	2,779,477	662,217	335,730	1,290,096
Middle Atlantic	62,557,282	5,952,891	45,429,248	40,531,658	4,897,590	8,287,531	6,243,500	1,679,423	364,808	2,887,612
East North Central	60,895,921	2,932,737	46,824,844	37,264,590	9,560,254	9,252,241	6,310,688	2,647,109	294,354	1,869,070
West North Central	23,968,624	2,068,610	14,546,580	12,308,928	2,237,652	6,313,013	3,188,051	3,007,219	117,743	1,015,322
South Atlantic	10,040,604	795,712	4,662,186	2,901,855	1,760,331	4,168,619	1,628,378	2,477,049	63,192	474,087
East South Central	4,219,176	712,580	2,401,711	1,459,127	942,584	857,969	429,388	396,627	31,854	217,016
West South Central	8,706,396	2,246,320	4,707,961	2,511,707	2,196,254	1,398,499	783,081	800,491	14,927	153,016
Mountain	11,681,548	1,299,993	9,039,950	6,918,587	2,191,363	3,806,199	2,070,477	1,531,682	26,360	319,086
Pacific	31,963,355	17,192,820	10,951,641	9,608,397	1,343,244	3,289,505	2,024,885	1,171,712	92,908	529,389
NEW ENGLAND:										
Maine	962,590	50,000	427,631	350,612	77,019	439,159	267,794	154,937	16,428	45,806
New Hampshire	1,207,111		677,147	261,767	415,380	473,491	329,403	167,703	11,385	56,473
Vermont	563,062		146,475	90,054	380,250	173,939	186,571	18,740	36,337	
Massachusetts	27,828,086	12,711,340	12,718,874	12,130,290	588,584	1,562,557	1,106,370	146,702	219,485	835,315
Rhode Island	1,426,564	274,900	937,616	738,276	199,340	186,546	166,681	14,670	5,195	27,502
Connecticut	3,496,897		2,502,807	2,206,467	296,340	735,421	614,290	57,334	63,497	258,669
MIDDLE ATLANTIC:										
New York	49,399,332	5,014,004	37,281,145	33,989,238	3,291,907	4,840,696	3,995,252	631,592	213,852	2,263,487
New Jersey	2,714,036	4,300	1,752,423	1,325,174	427,249	820,937	643,987	99,969	76,881	136,476
Pennsylvania	10,443,914	934,587	6,395,680	5,217,246	1,178,434	2,625,998	1,604,261	947,862	73,875	487,649
EAST NORTH CENTRAL:										
Ohio	21,611,394	1,284,762	17,925,100	15,570,082	2,355,018	2,077,140	1,453,964	537,219	85,957	324,392
Indiana	9,561,238	746,915	7,326,863	4,880,478	2,446,385	1,160,287	1,021,937	184,130	54,220	327,173
Illinois	13,778,418	769,595	10,640,136	8,594,134	2,046,002	1,874,015	1,386,770	429,106	58,139	494,672
Michigan	11,397,811	149,720	8,684,884	6,512,708	2,172,176	2,182,859	1,380,005	772,743	30,111	380,348
Wisconsin	4,547,060	1,765	2,247,861	1,707,188	540,673	1,957,940	1,168,012	724,001	65,927	339,494
WEST NORTH CENTRAL:										
Minnesota	6,081,236	1,051,590	2,630,347	2,418,574	211,773	2,158,524	989,943	1,133,766	34,815	240,775
Iowa	5,144,738	172,285	3,133,865	2,939,846	194,019	1,575,886	959,562	589,671	26,653	262,702
Missouri	6,487,026	731,610	4,841,425	3,639,422	1,202,003	826,586	564,186	214,686	19,714	87,405
North Dakota	887,598	9	344,694	249,394	95,300	307,135	79,726	213,340	14,003	235,760
South Dakota	607,843	18,116	220,737	161,377	59,360	335,886	93,498	235,820	6,568	33,104
Nebraska	2,706,887	60,000	1,872,316	1,596,975	275,341	668,233	303,679	356,670	7,884	106,338
Kansas	2,053,197	60,000	1,503,196	1,303,340	199,856	440,763	197,457	235,266	8,040	49,238
SOUTH ATLANTIC:										
Delaware	49,290		8,260	4,100	4,160	35,631	26,676	6,435	2,520	5,399
Maryland	1,393,317	125,900	1,051,719	725,805	325,914	183,930	124,415	56,342	3,173	31,768
District of Columbia	1,585,691	299,900	384,366	369,716	14,650	889,902	887,136	770	1,996	11,523
Virginia	1,406,880	67,600	986,465	535,311	451,154	268,493	125,928	138,783	3,782	84,322
West Virginia	1,436,619	102,500	694,429	488,105	206,324	500,950	149,278	307,873	43,777	129,040
North Carolina	1,424,263		235,594	134,862	100,732	1,173,167	90,526	1,080,408	2,233	15,502
South Carolina	911,400		89,561	40,665	48,896	819,576	49,454	768,892	1,530	1,963
Georgia	1,002,604	35,000	619,347	292,543	326,504	167,920	101,934	63,481	2,505	180,337
Florida	840,540	164,812	532,645	310,448	222,197	128,850	73,031	54,138	1,681	14,233
EAST SOUTH CENTRAL:										
Kentucky	2,000,646	528,000	926,365	581,949	344,416	345,357	179,101	139,349	26,907	200,924
Tennessee	1,055,037	183,900	625,339	377,475	247,864	233,705	130,700	101,225	1,780	12,093
Alabama	800,931	680	616,166	491,200	124,966	168,481	68,705	97,618	2,158	15,604
Mississippi	362,562		233,841	8,503	225,338	110,326	50,882	58,435	1,009	18,395
WEST SOUTH CENTRAL:										
Arkansas	565,833	27,000	373,539	158,904	214,635	160,759	69,853	88,252	2,654	4,535
Louisiana	2,917,531	1,268,740	1,393,235	892,827	500,408	223,974	111,383	107,836	4,755	31,582
Oklahoma	1,796,568	190,250	1,128,318	753,711	374,607	460,001	227,522	229,546	2,933	17,999
Texas	3,426,464	760,330	1,812,869	706,265	1,106,604	753,765	374,323	374,857	4,585	99,500
MOUNTAIN:										
Montana	1,859,933	49,842	1,041,603	823,689	217,914	700,354	289,425	398,444	12,485	68,134
Idaho	1,448,949	42,065	915,024	899,154	15,870	462,544	182,783	271,688	8,073	29,316
Wyoming	370,415		137,594	74,704	63,280	228,611	52,072	173,554	3,185	3,820
Colorado	9,058,480	1,207,940	6,113,779	4,587,574	1,526,225	1,637,956	1,239,251	253,073	165,692	78,805
New Mexico	433,322		195,803	1,350	194,453	190,843	48,210	139,486	2,787	48,676
Arizona	307,935		154,016	100,923	53,093	126,314	39,231	86,317	7,667	27,605
Utah	757,907	146	440,865	417,747	23,118	283,058	159,423	109,373	14,262	33,838
Nevada	229,607		40,876	13,966	26,910	159,839	60,082	99,557	170	28,892
PACIFIC:										
Washington	2,838,827	134,850	1,427,491	1,247,011	180,480	1,145,517	779,095	361,942	4,480	130,969
Oregon	925,799	35,000	312,602	274,943	37,659	547,590	279,289	266,646	1,565	30,697
California	28,198,729	17,022,970	9,211,548	8,086,443	1,125,105	1,596,488	966,501	543,124	86,863	367,723

Table 16.—Comparative figures for onions, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	191,487,872	116,168,185	34,230,286	16,842,562	122,839,659	72,391,910	28,404,294	23,480,578
GEOGRAPHIC DIVISIONS:								
New England.....	27,657,221	19,442,249	8,681,050	8,149,500	15,297,021	7,874,770	2,857,006	2,846,883
Middle Atlantic.....	47,047,547	22,886,022	3,369,713	398,650	35,959,474	17,021,300	6,163,060	4,693,013
East North Central.....	45,596,740	27,361,245	1,763,445	704,470	35,759,967	20,182,532	6,710,025	5,531,810
West North Central.....	18,866,107	9,376,288	1,133,351	354,158	12,091,139	5,188,391	4,848,178	3,393,341
South Atlantic.....	6,623,822	3,839,870	641,212	117,488	3,735,948	1,648,256	2,045,663	1,984,703
East South Central.....	3,247,662	1,830,128	650,280	39,900	1,864,988	1,141,089	523,011	501,302
West South Central.....	6,810,773	3,254,054	1,848,244	269,600	3,908,134	2,015,957	1,019,440	944,772
Mountain.....	10,067,819	16,434,870	29,800	16,987	7,798,989	14,653,581	2,038,373	1,653,666
Pacific.....	24,970,181	11,543,459	16,113,191	6,791,809	6,403,699	2,666,034	2,199,538	1,931,088
NEW ENGLAND:								
Maine.....	699,015	606,174	—	—	308,166	174,888	356,830	409,492
New Hampshire.....	1,027,229	446,322	—	—	617,135	64,286	365,790	363,414
Vermont.....	413,044	360,230	—	—	85,241	70,907	300,740	278,825
Massachusetts.....	21,963,380	16,276,824	8,406,130	8,029,800	11,915,593	6,817,563	1,185,263	1,178,577
Rhode Island.....	1,148,448	547,260	274,900	119,700	714,826	137,551	174,745	134,710
Connecticut.....	2,406,075	1,205,439	—	—	1,655,670	473,255	510,528	486,635
MIDDLE ATLANTIC:								
New York.....	38,224,802	17,621,171	2,581,913	23,650	30,125,237	14,490,349	3,849,886	2,565,650
New Jersey.....	1,860,089	1,035,030	4,000	125,000	1,285,537	361,768	490,587	470,768
Pennsylvania.....	7,562,656	4,229,821	738,800	250,000	4,550,960	2,166,183	1,822,587	1,656,595
EAST NORTH CENTRAL:								
Ohio.....	19,497,906	13,443,364	1,097,990	349,550	16,753,210	11,718,418	1,380,234	1,252,544
Indiana.....	6,432,217	3,033,286	460,860	94,820	4,869,254	1,904,022	780,532	608,875
Illinois.....	8,200,226	4,457,607	158,975	260,000	6,248,133	2,808,718	1,405,396	1,189,443
Michigan.....	7,941,347	4,243,138	45,520	—	6,123,043	2,835,983	1,647,669	1,358,799
Wisconsin.....	3,525,044	2,181,850	100	100	1,766,307	915,391	1,487,194	1,122,149
WEST NORTH CENTRAL:								
Minnesota.....	4,465,763	2,307,789	231,000	270,000	2,296,789	857,554	1,743,926	1,087,805
Iowa.....	4,582,713	2,453,180	172,285	53,523	2,993,303	1,456,928	1,226,218	818,071
Missouri.....	4,741,058	2,044,589	651,950	—	3,447,306	1,507,923	568,257	471,926
North Dakota.....	766,347	665,766	—	—	318,032	106,003	225,466	246,721
South Dakota.....	504,057	318,585	18,116	25,635	211,737	96,306	255,336	179,885
Nebraska.....	2,229,012	946,417	60,000	5,000	1,562,206	580,883	527,748	349,147
Kansas.....	1,577,157	839,962	—	—	1,262,066	581,994	301,227	245,786
SOUTH ATLANTIC:								
Delaware.....	27,434	33,329	—	—	4,020	11,800	20,218	20,387
Maryland.....	1,088,529	422,626	115,300	—	836,718	292,031	110,008	121,964
District of Columbia.....	797,143	289,691	297,900	25,900	357,466	181,159	135,254	76,800
Virginia.....	955,780	508,933	37,400	12,000	728,108	337,520	165,211	148,064
West Virginia.....	1,207,812	646,703	102,500	37,500	647,764	287,655	350,375	277,494
North Carolina.....	1,210,762	1,149,249	—	—	189,898	57,095	1,008,729	1,083,955
South Carolina.....	117,996	101,307	—	—	51,331	38,295	65,305	61,953
Georgia.....	607,420	333,567	35,000	188	461,371	215,371	105,381	114,275
Florida.....	610,946	352,465	52,512	41,900	479,072	227,230	75,782	79,811
EAST SOUTH CENTRAL:								
Kentucky.....	1,713,212	1,006,534	528,000	15,000	779,217	673,863	217,211	195,107
Tennessee.....	683,700	351,766	121,000	10,900	414,030	188,440	141,748	146,937
Alabama.....	571,898	256,670	680	14,000	465,937	133,392	92,961	91,625
Mississippi.....	278,792	215,158	—	—	205,804	145,394	71,091	67,633
WEST SOUTH CENTRAL:								
Arkansas.....	433,900	388,774	27,000	50,000	307,264	242,140	96,766	93,964
Louisiana.....	2,630,500	714,503	1,268,740	147,700	1,213,230	401,536	142,006	159,353
Oklahoma.....	1,377,708	681,154	144,250	26,900	952,925	424,034	270,643	225,599
Texas.....	2,368,665	1,469,623	408,254	45,000	1,434,715	948,227	510,025	465,856
MOUNTAIN:								
Montana.....	1,335,342	881,751	2,300	—	727,457	380,867	556,709	462,015
Idaho.....	1,218,300	501,521	1,500	2,000	863,224	250,173	328,971	233,818
Wyoming.....	246,779	185,808	—	—	80,880	25,156	163,185	157,927
Colorado.....	5,964,463	14,056,631	26,000	14,987	5,426,914	13,678,104	438,287	343,013
New Mexico.....	331,075	193,542	—	—	195,443	75,016	129,719	111,994
Arizona.....	222,847	160,827	—	—	115,277	55,948	96,378	66,716
Utah.....	595,119	343,469	—	—	384,919	182,207	198,171	157,281
Nevada.....	153,894	109,231	—	—	4,875	3,110	126,953	90,899
PACIFIC:								
Washington.....	1,819,460	1,352,271	124,850	91,633	1,005,095	684,765	577,838	499,600
Oregon.....	717,715	932,462	33,000	94,000	273,332	409,293	381,343	413,510
California.....	22,432,006	9,258,726	15,943,341	6,606,176	5,123,172	1,571,976	1,240,355	1,017,978

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 6,013,633 pounds; for 1917, 3,453,135 pounds.

COMMERCIAL STOCKS OF CABBAGE.

The commercial stocks of cabbage reported in the Food Survey of January 1, 1918, amounted to 80,740,611 pounds. Of this total the warehouses held 7.0 per cent, while the wholesale dealers and the retail dealers held 58.8 per cent and 21.4 per cent, respectively. The remainder, amounting to 12.8 per cent, was held by a miscellaneous group of firms. The stocks reported for each class of business concerns are shown in the first column of Table 17, while the relative holdings of the main classes are shown in graphic form in Diagram 17.

The number of schedules received and tabulated for cabbage is given, by classes of business, in Table 18.

DIAGRAM 17.—DISTRIBUTION OF TOTAL STOCKS OF CABBAGE REPORTED FOR JANUARY 1, 1918.

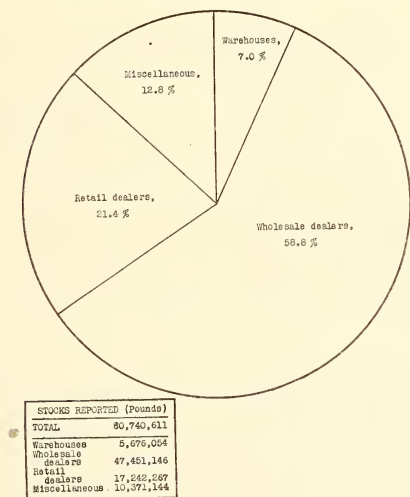


Table 17.—Stocks of cabbage reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	Pounds. 80,740,611	Pounds. 58,622,616	168.9	Pounds. 34,709,067	
Warehouses.....	5,676,054	4,665,705	210.4	2,217,487	
Wholesale dealers.....	47,451,146	35,633,822	196.5	18,136,622	
Wholesale dealers in fruits and vegetables.....	42,870,772	32,189,474	198.3	16,235,099	
Other wholesale dealers.....	4,580,404	3,444,648	181.2	1,901,523	
Retail dealers.....	17,242,267	11,680,812	108.0	10,815,800	
Retail grocers.....	10,570,671	7,497,799	98.9	7,577,843	
General stores.....	3,581,461	3,657,152	126.9	2,882,355	
Other retail dealers.....	1,090,135	525,861	147.9	355,602	
Miscellaneous.....	10,371,144	6,642,277	187.7	3,539,158	

Table 18.—Number of firms reporting cabbage, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	108,167	73,126
Warehouses.....	94	56
Wholesale dealers.....	3,872	2,763
Wholesale dealers in fruits and vegetables.....	2,892	2,039
Other wholesale dealers.....	980	724
Retail dealers.....	97,163	65,992
Retail grocers.....	69,798	47,933
General stores.....	23,903	16,798
Other retail dealers.....	3,462	1,861
Miscellaneous.....	7,038	4,315

Table 19.—Stocks of cabbage reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
	Pounds.	1918 stocks.	1917 stocks.
United States	80,740,611	58,622,616	34,709,067
GEOGRAPHIC DIVISIONS:			
New England.....	4,705,262	3,680,013	3,031,359
Middle Atlantic.....	34,548,541	24,841,194	14,185,946
East North Central.....	23,726,128	16,842,515	8,773,288
West North Central.....	6,417,802	4,898,888	3,265,918
South Atlantic.....	3,475,080	2,000,493	1,812,664
East South Central.....	1,479,659	966,545	995,720
West South Central.....	2,329,217	1,777,713	979,451
Mountain.....	1,875,745	1,232,421	921,587
Pacific.....	2,183,177	1,782,834	743,134
NEW ENGLAND:			
Maine.....	399,090	253,529	206,570
New Hampshire.....	279,087	202,645	159,800
Vermont.....	101,969	81,859	52,094
Massachusetts.....	2,666,901	2,175,295	1,870,378
Rhode Island.....	503,151	428,308	287,625
Connecticut.....	755,064	538,317	454,892
MIDDLE ATLANTIC:			
New York.....	28,269,285	20,195,188	10,297,388
New Jersey.....	881,775	609,007	584,868
Pennsylvania.....	5,397,481	4,036,999	3,303,690
EAST NORTH CENTRAL:			
Ohio.....	4,364,930	3,199,697	2,206,397
Indiana.....	1,363,506	1,027,241	710,586
Illinois.....	5,079,085	3,763,363	1,824,259
Michigan.....	2,944,216	2,214,709	985,412
Wisconsin.....	9,974,391	6,637,445	3,046,625
WEST NORTH CENTRAL:			
Minnesota.....	1,682,304	1,407,631	733,060
Iowa.....	1,048,288	842,518	541,548
Missouri.....	1,252,679	947,617	712,162
North Dakota.....	313,431	234,081	110,003
South Dakota.....	255,259	190,092	149,835
Nebraska.....	730,144	506,995	478,797
Kansas.....	1,135,697	769,954	540,514
SOUTH ATLANTIC:			
Delaware.....	31,908	16,027	23,426
Maryland.....	716,379	536,862	202,604
District of Columbia.....	232,255	147,056	111,968
Virginia.....	740,832	558,742	341,178
West Virginia.....	755,487	581,530	459,260
North Carolina.....	358,176	266,545	206,341
South Carolina.....	128,797	103,323	108,071
Georgia.....	294,449	213,149	163,322
Florida.....	219,797	177,256	106,278
EAST SOUTH CENTRAL:			
Kentucky.....	549,076	393,839	431,145
Tennessee.....	570,200	377,055	344,225
Alabama.....	201,797	110,709	137,387
Mississippi.....	159,556	84,942	82,963
WEST SOUTH CENTRAL:			
Arkansas.....	237,129	196,506	146,318
Louisiana.....	428,337	350,073	148,759
Oklahoma.....	653,402	499,983	203,190
Texas.....	1,010,349	761,151	391,274
MOUNTAIN:			
Montana.....	726,219	405,711	232,163
Idaho.....	151,995	120,369	96,702
Wyoming.....	132,718	88,620	83,251
Colorado.....	543,945	379,459	305,423
New Mexico.....	65,446	53,083	46,857
Arizona.....	29,692	19,254	42,586
Utah.....	196,120	147,299	99,437
Nevada.....	29,610	18,626	15,163
PACIFIC:			
Washington.....	1,576,095	1,353,752	436,603
Oregon.....	288,836	196,057	124,436
California.....	318,246	233,025	182,095

Geographic Distribution and Comparative Figures.

The geographic distribution of the commercial stocks of cabbage on the date of the Survey is shown in the first column of Table 19. These figures indicate that more than seven-tenths of the total stocks for the entire country were reported from the Middle Atlantic and the East North Central divisions. Among the individual states, New York ranked first, Wisconsin second, Pennsylvania third, and Illinois fourth.

Nearly three-fourths of the reports gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given in the last three columns of Table 17, and also, by geographic divisions and states, in the last two columns of Table 19. The total stocks of cabbage reported for January 1, 1918, were 68.9 per cent larger than the stocks held by the same firms on January 1, 1917.

COMMERCIAL STOCKS OF CARROTS.

The stocks of carrots in commercial channels, as reported in the Food Survey of January 1, 1918, amounted to 43,850,591 pounds. Of this total the warehouses held 28.8 per cent; the wholesale dealers, 41.4 per cent; the retail dealers, 12.1 per cent; and a miscellaneous group of firms, 17.7 per cent. The stocks reported by each of these classes of business concerns are given in the first column of Table 20, while the relative quantities reported by the different classes are represented graphically in Diagram 18.

The number of schedules received and tabulated for carrots is shown in Table 21.

DIAGRAM 18.—DISTRIBUTION OF TOTAL STOCKS OF CARROTS REPORTED FOR JANUARY 1, 1918.

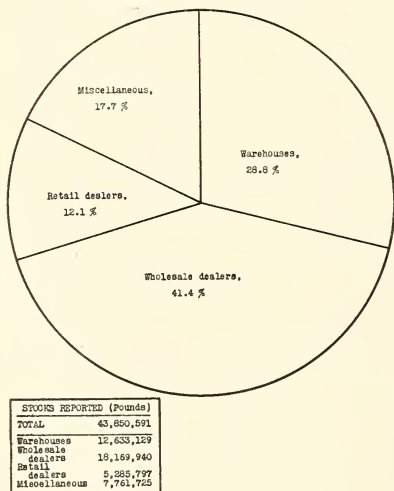


Table 20.—Stocks of carrots reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 43,850,591	Pounds. 33,301,971	162.2	Pounds. 20,536,097
Warehouses.....	12,633,129	10,542,062	187.5	5,623,785
Wholesale dealers.....	18,169,940	13,792,462	166.6	8,279,296
<i>Wholesale dealers in fruits and vegetables.....</i>	<i>16,713,591</i>	<i>12,763,223</i>	<i>166.3</i>	<i>7,674,424</i>
<i>Other wholesale dealers.....</i>	<i>1,456,349</i>	<i>1,029,239</i>	<i>170.2</i>	<i>604,872</i>
Retail dealers.....	5,285,797	3,609,256	96.5	3,739,735
Miscellaneous.....	7,761,725	5,358,191	185.2	2,893,281

Table 21.—Number of firms reporting carrots, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	54,343	35,316
Warehouses.....	90	56
Wholesale dealers.....	2,784	1,927
<i>Wholesale dealers in fruits and vegetables.....</i>	<i>2,257</i>	<i>1,542</i>
<i>Other wholesale dealers.....</i>	<i>527</i>	<i>385</i>
Retail dealers.....	44,928	29,190
Miscellaneous.....	6,541	4,143

Geographic Distribution and Comparative Figures.

The geographic distribution of the commercial stocks of carrots on the date of the Survey is shown in the first column of Table 22. The Middle Atlantic division, it may be noticed, far outranked any other division in stocks of this commodity reported; in fact, nearly three-fifths of the total stocks in the entire country were reported from this division. The East North Central division ranked second in quantity of carrots reported, the Pacific division third, and the New England division fourth. The state of New York alone reported more than one-half of the commercial stocks of carrots for the entire country. Illinois ranked second among the individual states, and Pennsylvania third.

More than three-fourths of the returns, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 20, and also by geographic divisions and states in the last two columns of Table 22. These figures indicate a material increase in the stocks of carrots held by all classes of business, with the exception of the retail dealers. The total holdings reported for the date of the Survey were 62.2 per cent larger than those on January 1, 1917.

Table 22.—Stocks of carrots reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
	Pounds.	1918 stocks.	1917 stocks.
United States.....	43,850,591	33,301,971	20,536,097
GEOGRAPHIC DIVISIONS:			
New England.....	2,995,089	2,139,445	2,050,928
Middle Atlantic.....	27,089,548	21,235,614	11,428,158
East North Central.....	6,327,139	4,040,386	3,042,478
West North Central.....	1,832,313	1,379,213	1,232,040
South Atlantic.....	1,180,343	1,044,115	286,184
East South Central.....	195,873	137,948	53,480
West South Central.....	195,259	135,049	75,707
Mountain.....	919,941	701,776	593,738
Pacific.....	3,115,086	2,490,434	1,772,384
NEW ENGLAND:			
Maine.....	402,475	362,952	343,435
New Hampshire.....	172,165	142,031	74,388
Vermont.....	74,464	60,443	47,409
Massachusetts.....	1,390,601	882,453	857,171
Rhode Island.....	515,290	383,936	527,485
Connecticut.....	440,094	307,610	236,040
MIDDLE ATLANTIC:			
New York.....	24,784,609	19,631,265	9,456,530
New Jersey.....	557,826	432,486	387,584
Pennsylvania.....	1,747,113	1,171,863	1,584,044
EAST NORTH CENTRAL:			
Ohio.....	1,065,284	788,567	437,745
Indiana.....	690,119	520,861	202,185
Illinois.....	1,781,990	820,894	608,767
Michigan.....	1,365,792	886,635	798,802
Wisconsin.....	1,423,954	1,023,430	41,979
WEST NORTH CENTRAL:			
Minnesota.....	851,810	622,948	632,009
Iowa.....	431,047	375,655	264,760
Missouri.....	218,338	187,923	182,072
North Dakota.....	73,741	56,630	38,176
South Dakota.....	113,286	28,305	30,045
Nebraska.....	111,485	81,367	58,614
Kansas.....	32,606	26,385	26,364
SOUTH ATLANTIC:			
Delaware.....	4,791	3,160	1,294
Maryland.....	303,470	246,679	27,409
District of Columbia.....	676,263	662,792	218,730
Virginia.....	88,523	45,805	14,776
West Virginia.....	25,465	20,999	7,977
North Carolina.....	15,682	13,681	1,940
South Carolina.....	2,097	1,102	818
Georgia.....	32,488	24,626	5,907
Florida.....	31,564	25,271	7,333
EAST SOUTH CENTRAL:			
Kentucky.....	174,061	129,902	46,337
Tennessee.....	15,291	6,006	4,597
Alabama.....	4,040	1,507	2,007
Mississippi.....	2,481	533	539
WEST SOUTH CENTRAL:			
Arkansas.....	36,347	26,768	1,958
Louisiana.....	30,264	25,564	19,778
Oklahoma.....	22,779	16,046	4,578
Texas.....	105,869	64,662	49,393
MOUNTAIN:			
Montana.....	412,757	354,890	333,657
Idaho.....	113,221	90,820	55,240
Wyoming.....	37,148	23,650	32,312
Colorado.....	142,658	88,749	85,409
New Mexico.....	11,566	8,279	7,616
Arizona.....	7,809	5,234	6,791
Utah.....	156,957	103,219	48,568
Nevada.....	38,425	26,935	24,145
PACIFIC:			
Washington.....	1,346,210	1,088,331	1,571,565
Oregon.....	1,451,147	1,269,291	127,619
California.....	317,729	132,812	74,200

COMMERCIAL STOCKS OF TURNIPS AND RUTABAGAS.

The commercial stocks of turnips and rutabagas reported in the Food Survey of January 1, 1918, amounted to 57,678,498 pounds. Of these stocks the warehouses held 14.8 per cent; the wholesale dealers, 44.7 per cent; the retail dealers, 23.8 per cent; and a miscellaneous group of firms, 16.7 per cent. The stocks reported by each of these classes of business concerns are given in the first column of Table 23, while the relative quantities reported by the different classes are represented graphically in Diagram 19.

The number of schedules received and tabulated for this commodity is shown, by classes of business, in Table 25.

DIAGRAM 19.—DISTRIBUTION OF TOTAL STOCKS OF TURNIPS AND RUTABAGAS REPORTED FOR JANUARY 1, 1918.

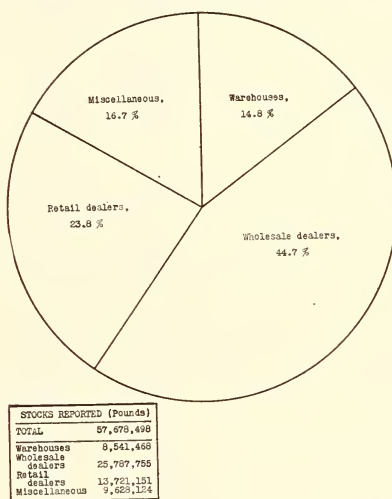


Table 23.—Stocks of turnips and rutabagas reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 57,678,498	Pounds. 43,001,227	145.0	Pounds. 29,646,665
Warehouses.....	8,541,468	5,103,936	214.7	2,377,138
Wholesale dealers.....	25,797,755	19,765,845	133.9	14,757,493
Wholesale dealers in fruits and vegetables.....	23,589,009	18,412,062	132.5	13,898,002
Other wholesale dealers.....	2,198,746	1,353,783	157.5	859,491
Retail dealers.....	13,721,151	9,886,708	135.8	7,278,182
Miscellaneous.....	9,628,124	8,244,738	157.5	5,233,852

Table 24.—Stocks of turnips and rutabagas reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
	Jan. 1, 1918.	1918 stocks.	1917 stocks.
United States	<i>Pounds.</i> 57,678,498	<i>Pounds.</i> 43,001,227	<i>Pounds.</i> 29,646,665
GEOGRAPHIC DIVISIONS:			
Maine.....	9,041,901	7,154,202	6,656,672
New England.....	13,847,846	10,219,735	7,934,165
Middle Atlantic.....	13,564,741	9,835,157	6,536,521
East North Central.....	9,286,494	6,434,510	3,900,954
West North Central.....	3,366,076	2,438,194	1,202,114
South Atlantic.....	2,173,136	1,739,505	580,467
East South Central.....	2,205,242	1,535,402	607,143
West South Central.....	1,882,752	1,634,021	1,208,465
Mountain.....	2,310,300	2,007,501	1,020,165
Pacific.....			
NEW ENGLAND:			
Maine.....	1,014,058	902,974	928,183
New Hampshire.....	444,641	373,403	557,359
Vermont.....	184,207	65,397	75,478
Massachusetts.....	4,692,667	3,748,394	3,740,834
Rhode Island.....	800,664	539,064	382,054
Connecticut.....	1,845,664	1,524,970	972,764
MIDDLE ATLANTIC:			
New York.....	8,092,239	6,025,130	4,406,762
New Jersey.....	1,568,854	1,364,183	913,122
Pennsylvania.....	4,180,753	2,900,422	2,014,281
EAST NORTH CENTRAL:			
Ohio.....	2,911,436	2,194,660	1,573,897
Indiana.....	769,625	546,441	305,822
Illinois.....	4,454,513	3,339,945	1,440,319
Michigan.....	2,725,427	1,743,080	1,867,305
Wisconsin.....	2,703,740	2,010,422	1,349,178
WEST NORTH CENTRAL:			
Minnesota.....	4,094,750	2,306,254	1,811,736
Iowa.....	817,806	606,339	506,091
Missouri.....	3,751,150	3,021,710	1,246,316
North Dakota.....	138,488	108,706	83,131
South Dakota.....	64,040	53,114	45,936
Nebraska.....	243,805	173,504	111,139
Kansas.....	176,395	74,883	96,005
SOUTH ATLANTIC:			
Delaware.....	214,200	200,419	111,717
Maryland.....	399,739	273,662	130,716
District of Columbia.....	175,670	168,197	32,056
Virginia.....	1,085,154	706,747	223,078
West Virginia.....	290,762	197,331	114,550
North Carolina.....	315,553	240,168	80,597
South Carolina.....	231,760	153,577	71,215
Georgia.....	510,468	371,631	378,584
Florida.....	142,770	126,262	59,601
EAST SOUTH CENTRAL:			
Kentucky.....	637,355	518,802	196,442
Tennessee.....	958,331	832,623	156,856
Alabama.....	340,324	219,724	155,968
Mississippi.....	287,136	168,356	71,201
WEST SOUTH CENTRAL:			
Arkansas.....	281,063	141,245	26,034
Louisiana.....	379,826	243,500	179,286
Oklahoma.....	153,388	79,396	58,096
Texas.....	1,390,965	1,074,252	343,727
MOUNTAIN:			
Montana.....	1,333,814	1,230,545	892,777
Idaho.....	128,160	103,930	75,690
Wyoming.....	68,885	57,661	62,356
Colorado.....	233,550	165,675	125,407
New Mexico.....	18,580	11,735	12,192
Arizona.....	9,480	4,848	6,000
Utah.....	63,052	42,143	19,903
Nevada.....	27,231	17,484	14,080
PACIFIC:			
Washington.....	1,665,882	1,463,414	908,838
Oregon.....	509,161	441,121	55,926
California.....	135,257	102,966	55,400

Table 25.—Number of firms reporting turnips and rutabagas, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	73,240	48,460
Warehouses.....	113	69
Wholesale dealers.....	3,136	2,173
Wholesale dealers in fruits and vegetables.....	2,686	1,910
Other wholesale dealers.....	450	263
Retail dealers.....	63,901	42,361
Miscellaneous.....	6,090	3,857

Geographic Distribution and Comparative Figures.

The geographic distribution of the commercial stocks of turnips and rutabagas is shown in the first column of Table 24. The Middle Atlantic division, it may be noticed, ranked first in quantity reported, with the East North Central division a close second. The West North Central division ranked third, and the New England division fourth. Among the individual states, New York ranked first, Massachusetts second, Illinois third, Pennsylvania fourth, and Minnesota fifth.

Nearly three-fourths of the reports, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given in the last three columns of Table 23, and also, by geographic divisions and states, in Table 24. The figures indicate that there was a material increase in the commercial stocks of turnips and rutabagas on the date of the Survey, as compared with the stocks of one year earlier. In the case of warehouses the holdings were more than twice as large as on the earlier date. The total stocks on January 1, 1918, were 45.0 per cent larger than on January 1, 1917.

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